Requested Patent: EP1169632A1

Title: OPTICAL AUTOFOCUS FOR USE WITH MICROTITER PLATES ;

Abstracted Patent: WO0046590 ;

Publication Date: 2000-08-10 ;

Inventor(s):

GOLDBERG EDWARD M; MANIAN BALA S; HEFFELFINGER DAVID M ;

Applicant(s): BIOMETRIC IMAGING INC (US) ;

Application Number: WO1999US09699 19990503 ;

Priority Number(s): US19990245782 19990205 ;

IPC Classification: G01N21/55 ;

Equivalents:

ABSTRACT:

A method and apparatus for autofocus on a target layer contained within a microplate well is provided. The instrument is capable of optically sensing a reference point on the underside of a microplate (55). This reference point is then used to focus light (11) onto a target layer within the microplate well, the target layer having a location that is in defined relation to the reference point. The reference point is either a surface (53) of the bottom of the microplate well or is an optically detectable mark (154) on the underside of the microplate (55). In an alternate embodiment, a light position sensitive detector (140) is used to enable deterministic autofocus for a plurality of wells on a microplate (55).

(19) Europäisches Patentamt
European Patent Office
Office européen des brevets

(11) Veröffentlichungsnummer: 0 116 932
A1

16,371

(12) EUROPÄISCHE PATENTANMELDUNG

(21) Anmeldenummer: 84101466.5

(22) Anmeldetag: 13.02.84

(51) Int. Cl.³: C 07 D 333/38
A 01 N 47/36

(30) Priorität: 19.02.83 DE 3305866

(43) Veröffentlichungstag der Anmeldung:
29.08.84 Patentblatt 84/35

(84) Benannte Vertragsstaaten:
DE FR GB IT

(71) Anmelder: BASF Aktiengesellschaft
Carl-Bosch-Strasse 38
D-6700 Ludwigshafen(DE)

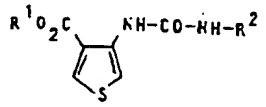
(72) Erfinder: Acker, Rolf-Dieter, Dr.
Tuchbleiche 8
D-6906 Leimen(DE)

(72) Erfinder: Rossy, Phillip A., Dr.
39, Forest Drive
Hillsdale N.J. 07642(US)

(72) Erfinder: Wuerzer, Bruno, Dipl.-Landwirt, Dr.
Ruedigerstrasse 13
D-6701 Otterstadt(DE)

(54) Thiophen-carbonester, Verfahren zu ihrer Herstellung und ihre Verwendung zur Bekämpfung unerwünschten Pflanzenwuchses.

(57) Die Erfindung betrifft Thiophen-carbonester der Formel



in der
R^1 Wasserstoff, Alkyl, Alkenyl, Alkinyl, Halogenalkyl, Alkoxyalkyl, Alkythioalkyl, Cycloalkyl, gegebenenfalls substituiertes Phenyl oder Benzyl und
R^2 Alkyl, Alkenyl, Alkinyl, gegebenenfalls substituiertes Phenylalkyl, Halogenalkyl, Alkoxyalkyl, Alkylthioalkyl, Alkylaminoalkyl, Dialkylaminoalkyl, Cycloalkyl oder gegebenenfalls substituiertes Phenyl bedeuten,
Verfahren zur ihrer Herstellung und ihre Verwendung zur Bekämpfung unerwünschten Pflanzenwuchses.

EP 0 116 932 A1

Croydon Printing Company Ltd.

reaction of 4-amino-thiophene-3- carboxylic acid ester(s) with isocyanate(s)
Patent Assignee: BASF AG (BADI)
Inventor: ACKER R D; ROSSY P A; WUERZER B
Number of Countries: 004 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Main IPC	Week
DE 3305866	A	19840823	DE 3305866	A	19830219		198435 B
EP 116932	A	19840829	EP 84101466	A	19840213		198435

Priority Applications (No Kind Date): DE 3305866 A 19830219
Cited Patents: DE 2040579; DE 2122636; EP 90309; US 2453564; US 3931204
Patent Details:

Patent	Kind	Lan	Pg	Filing Notes	Application	Patent
DE 3305866	A		27			
EP 116932	A	G				

Designated States (Regional): DE FR GB IT
Abstract (Basic): DE 3305866 A
Cpds. of formula (I) are new. In (I) R1=H, 1-10C alkyl, 2-10C alkenyl, 2-10C alkynyl, 1-10C haloalkyl, 2-10C alkoxyalkyl, 2-10C alkylthioalkyl, 3-7C cycloalkyl, phenyl(opt. substd) by or benzyl (opt. substd.); R2=1-10C alkyl, 2-10C alkenyl, 2-10C alkylnyl, 8-10C phenylalkyl, 1-10C haloalkyl, 2-10C alkoxyalkyl, 2-10C alkylthioalkyl, 3-7C cycloalkyl, phenyl (opt. substd.) or benzyl (opt. substd.).
USE - As selective herbicides in a wide range of crop plants. Application may be pre- or post-emergence and is generally at a rate of 0.1-5 kg/ha or more, pref. 0.5-3 kg/ha.
0/0
Derwent Class: C02
International Patent Class (Additional): A01N-047/36; C07D-333/38

5/7/4
DIALOG(R)File 351:DERWENT WPI

002553909
WPI Accession No: 80-71933C EP 16371 EP A 19801001 198041
1-(1-Methyl-4-oxo-2-imidazolinyl)-3-thienyl-urea derivs. - useful as anxiolytics of low toxicity without muscle relaxing and sedating effects
Patent Assignee: HOFFMANN-LA ROCHE AG (HOFF)
Inventor: HUNKELER W; KYBURZ E
Number of Countries: 016 Number of Patents: 007
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Main IPC	Week
EP 16371	A	19801001					198041 B
NO 8000720	A	19801006					198044
DK 8001087	A	19801013					198045
JP 55124770	A	19800926					198045
FI 8000559	A	19801031					198048
PT 70949	A	19810306					198113
ZA 8001347	A	19810203					198117

Priority Applications (No Kind Date): CH 80171 A 19800110; CH 792415 A 19790314
Cited Patents: DE 2448869; US 3983135; US 4025517
Patent Details:

Patent	Kind	Lan	Pg	Filing Notes	Application	Patent
EP 16371	A	G				

Designated States (Regional): AT BE CH DE FR GB IT LU NL SE

Abstract (Basic): EP 16371 A
Urea derivs. of formula (I) and isocyanatothiophene derivs. of formula (II) are new: (R is 2-thienyl, 3-thienyl or 5-halo-3-thienyl; R1 is H or halogen).
(I) are pharmaceuticals esp. useful as anxiolytics of very low toxicity. (I) have a very selective anxiolytic effect without possessing the muscle